

Application Number 10/530533  
Response to Office Action dated 02/12/2007

7500  
6/14/08  
Please amend the paragraph on page 8, lines <sup>32</sup>31-37 as indicated below:

In a case where the third slits are provided, when the slit plate 23 rotates, the signal (the angle signal) obtained by the third slits becomes, for example, a binary pulse signal having a phase difference of  $T/4$  with respect to the signal (S1) obtained by the second slits 20 as illustrated as ~~[[S2]]~~ S3 in FIG. 3. Thereby, a double-phase pulse can be obtained as an angle signal by providing the third slits, thus improving further angle-detecting resolution.